

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Josef Böck et al.

Serial No.: Unknown  
(Priority Application No. DE 102 31 407.1)  
(International Application No. PCT/EP2003/007553)

Filed: Herewith  
(Priority Date July 11, 2002)  
(International Filing Date July 11, 2003)

Docket No.: I435.121.101/12307US

Title: BIPOLAR TRANSISTOR

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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached form 1449 be considered by the Examiner and made of record. Any required copies of patents, publications or other documents are enclosed for the Examiner's review. Pursuant to the provisions of M.P.E.P. 609, Applicants further request a copy of the 1449 form, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Since this Information Disclosure Statement is being submitted within three months of filing national application; or date of entry of national application; or before the mailing date of the first Office Action on the merits, a fee has not been enclosed. However, if such fee is required, the Patent Office is hereby authorized to charge Deposit Account No. 500471 for fees as set forth under 37 C.F.R. 1.17(p).

## Information Disclosure Statement

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Title: BIPOLE TRANSISTOR

Applicants respectfully request consideration of these references during prosecution of the above-identified matter. The Examiner is invited to contact the Applicants' representative at the below-listed telephone number if there are any questions regarding this Communication or the tendered references.

Respectfully submitted,

Josef Böck et al.,

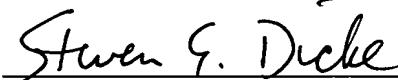
By their attorneys,

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SED:jan

Steven E. Dicke

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## CERTIFICATE UNDER 37 C.F.R. 1.10:

"Express Mail" mailing label number: EV365586985US

Date of Deposit: January 11, 2005

The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By   
Name: Vanessa Carels

<b>FORM PTO-1449</b>		Docket No.: I435.121.101/12307US	Serial No.: Unknown Priority Appln. No. DE 102 31 407.1 Int'l Appln. No. PCT/EP2003/007553
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>		Applicant: Josef Böck et al.	
		Filing Date: Herewith Priority Date July 11, 2002 Int'l Filing Date July 11, 2003	Group Art: Unknown

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	4,437,897	03/1984	Kemlage			
	5,049,964	09/1991	Sakai et al.			
	5,407,857	04/1995	Higuchi			
	5,541,444	07/1996	Ohmi et al.			
	5,821,157	10/1998	Lee et al.			
	6,642,553	11/2003	Drews et al.			
	6,740,560	05/2004	Heinemann et al.			
	6,800,881	10/2004	Lippert et al.			

**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Class	Sub Class	Translated Yes No
	0 646 952	04/1995	EPO			Yes
	00/13206	08/1999	PCT			Yes
	2004/008543	01/2004	PCT			Yes

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Lurng Shehng Lee et al., "Argon Ion-Implantation on Polysilicon or Amorphous-Silicon for Boron Penetration Suppression in p + p MOSFET" August 1998, IEEE Transactions on Electron Devices, pgs. 1737-1744.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.